

ABSTRACT

A system for displaying graphical information in three dimensions. The system includes a host device executing an application for generating graphical information in a spatial transport protocol. Rendering hardware generates three-dimensional display data and a frame buffer stores the three-dimensional display data. A spatial display displays the three-dimensional display data. A spatial transport protocol interpreter receives the graphical information in the spatial transport protocol and controls operation of the rendering hardware and the frame buffer in response to the graphical information in the spatial transport protocol. An architecture for displaying graphical information in three-dimensions is also provided.